

# Converting Colors

Hex(9FC966)

Have a look what the booklet for  
Hex(9FC966) contains.

<b>Hex(9FC966)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9FC966)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9FC966
RGB	159, 201, 102
RGB Percent	62%, 79%, 40%
CMY	0.3765, 0.2118, 0.6000
CMYK	0.21, 0.00, 0.49, 0.21
HSL	85°, 48%, 59%
HSV	85°, 49%, 79%
XYZ	37.5830, 50.1035, 20.2605
YIQ	177.1560, 6.7470, -39.6930

# Conversions

## Conversions Part 2

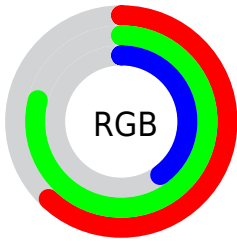
Format	Color
<b>RYB</b>	102, 201, 144
Decimal	10471782
CIELab	76.13, -30.13, 44.67
CIELCh	76, 53.883, 124.004
Yxy	50.1035, 0.3482, 0.4641
Android (android.graphics.Color)	4288661862 (0xFF9FC966)
YUV	177.1560, -37.0519, -15.9228
Hunter-Lab	70.7838, -29.0964, 32.5781

# Details

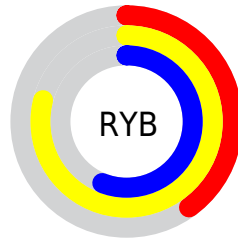
The Hex color **9FC966** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9066C9**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D7FF9B**, and **699333** is the 20% darker color. If you saturate the color by 10%, you get **96C952**, and if you desaturate by 10%, it is **A8C97A**.

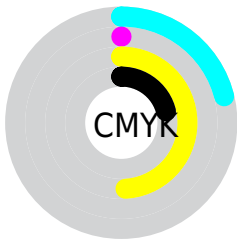
# Distribution



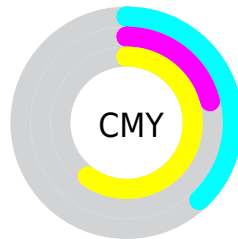
- Red (62%)
- Green (79%)
- Blue (40%)



- Red (40%)
- Yellow (79%)
- Blue (56%)



- Cyan (21%)
- Magenta (0%)
- Yellow (49%)
- Black (21%)



- Cyan (38%)
- Magenta (21%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FC966 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9FC966 by changing the saturation by 10% instead.



 9FC966

 9FC966

FFFFFF

 84AE4C

 D7FF9B

 699333

 F4FFB6

 4F7918

 FFFFD3

 356000

 FFFFEF

 1C4800

 003100

 001E00

 000000

 9FC966

 9FC966

 96C952

 A8C97A

 8EC93E

 B0C98E

 85C92A

 B9C9A2

 7DC916

 C1C9B6

 74C901

 CAC9CB

 74C900

 D2C9DF

 DBC9F3

 E3C9FF

 ECC9FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D3BB55



9FC966



5CD28E

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9FC966



00CCFF



FF92B7

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9FC966



9066C9

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9AE8



9FC966



71BFFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9FC966



00D4F2



C8ACFF



FF9987

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9FC966



00D4B0



C8ACFF



FF93C8

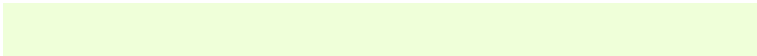


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9FC966



EFFFD9



C98F66



768069



000000



808080

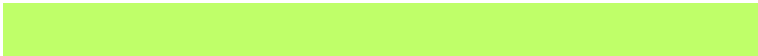


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9FC966



BFFF69



6EC966



5F635A



5EA300



152400



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9066C9



A869FF



C166C9



5E5A63



4500A3



0F0024



# Previews

## White Background



This preview shows how the Hex color 9FC966 looks on a white background.

## Color Contrast Check

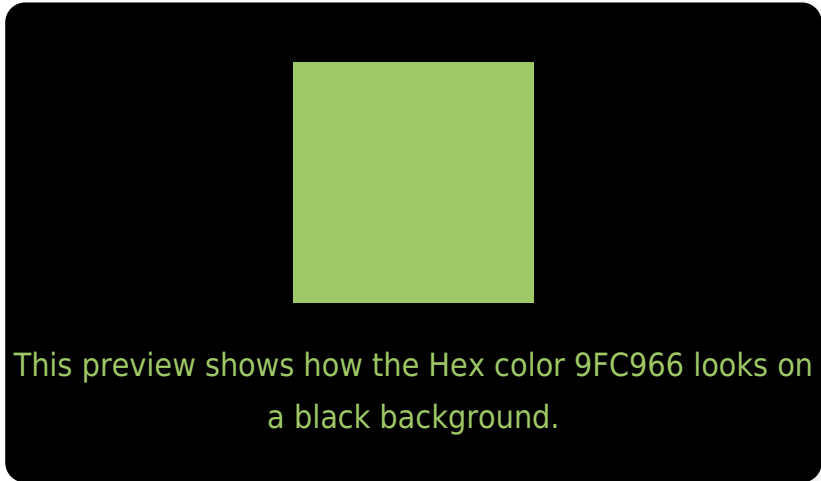
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9FC966 Background



This preview shows how black text looks on a background with the Hex color 9FC966.

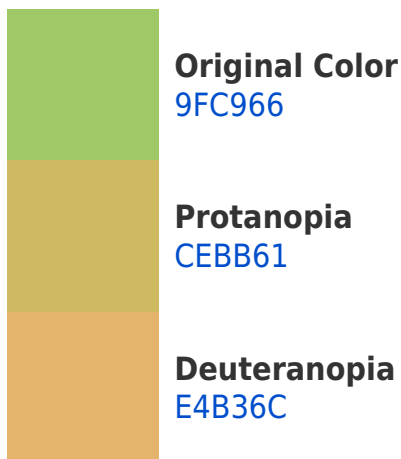


This preview shows how white text looks on a background with the Hex color 9FC966.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

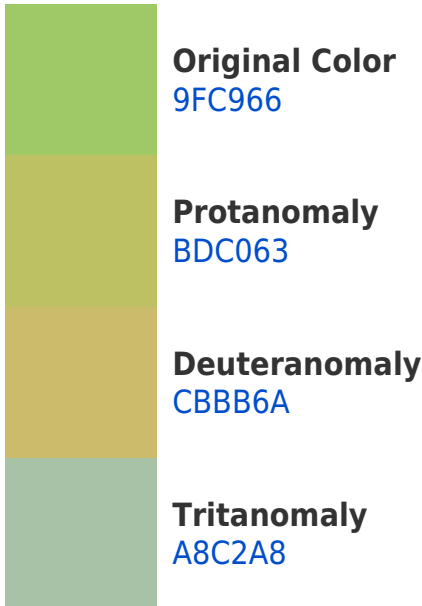
## Dichromacy



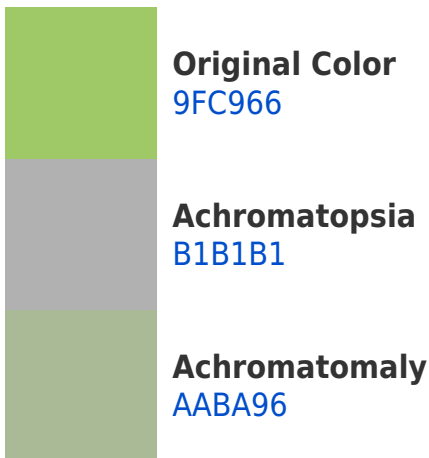


**Tritanopia**  
ADBECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FC966 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9FC966 looks like.

```
.text, #text, p{  
    color:#9FC966  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9FC966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FC966
}
```

## Border

The CSS property to change the border of an element to Hex 9FC966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9FC966 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9FC966 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9FC966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FC966; -webkit-box-shadow:4px 4px  
4px 4px #9FC966; box-shadow:4px 4px 4px  
4px #9FC966 }
```

# Background

The CSS property to change the background color of an element to Hex 9FC966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FC966 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9FC966 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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